

ABSTRACT

Disclosed herein is a dual-type system for producing optical fibers. According to this system, a draw tower is partitioned into a first spinning chamber and a second spinning chamber by a central partition frame. A preform feed unit, a furnace, a spinning nozzle and a diameter gauge are installed on each of the first and second spinning chambers in order to spin an optical fiber. Two coating units are installed at the lowest unit of the draw tower at positions corresponding to the first and second spinning chambers and used for coating the surfaces of the optical fibers spun and drawn through the first and second spinning chambers. Two ducts each having a filter are installed on a side of each unit of the draw tower at positions corresponding to the first and second spinning chambers for supplying fresh air to the optical fibers so as to prevent the optical fibers from absorbing foreign substances in addition to cooling the optical fibers.